

P18896.P01

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

P18896

Total Pages

Inventor(s) or Application Identifier
Masanori KAMATATitle: IMAGE RECORDING APPARATUS AND
TRANSMISSION METHOD USING THE SAME

(Only for new nonprovisional applications under 37 CFR 1.53(b))

ADDRESS TO:

Assistant Commissioner for Patents
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Washington, DC 20231

APPLICATION ELEMENTS

ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form
2. ☒ Specification [Total Pages 16]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 3]
4. ☒ Oath or Declaration [Total Pages 3]
a. ☐ Newly executed (original or copy) ☐ Unexecuted
b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
[Note Box 5 below]
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2)
and 1.13(b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
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- ☐ Microfiche Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission
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8. ☐ Assignment Papers (cover sheet & document(s))
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11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application,
Status still proper and desired
15. ☒ The prior application is assigned of record to MATSUSHITA
GRAPHIC COMMUNICATION SYSTEMS, INC.
16. ☒ Foreign priority claimed
a. ☒ Claim of Priority
b. ☐ Certified Copy of Priority Document(s)
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. 09/049,144, filed March 27, 1998.19. ☐ Amend the specification by inserting before the first line the sentence:This application is a continuation-in-part, continuation, division, of Application No. / , filed .

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1941 Roland Clarke Place
Reston, VA 20191
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Bruce H. Bernstein, Reg No. 29,027

Typed or Printed Name

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Masanori KAMATA

Group Art Unit: Unknown

Serial No : Unassigned (Continuation of
U.S. Patent Application No. 09/049,144)

Examiner:

Filed : Concurrently Herewith

For : IMAGE RECORDING APPARATUS AND TRANSMISSION METHOD
USING THE SAME

PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Prior to the examination of the above-identified patent application, the Examiner is respectfully requested to amend the claims, as follows:

IN THE CLAIMS

Please enter the following claims for consideration by the Examiner:

--- 20. An image recording apparatus comprising:

a panel section which has at least an inputting key operable to input a numerical value corresponding to one of a number of sheets to be copied and a destination telephone number;

a plurality of execution sections, each execution section being adapted to execute an operation corresponding to a mode selected as a current mode;

a start key which is configured to transmit an instruction to an execution section;

a determination section which is configured to determine whether or not the current mode is an execution mode based on a numerical value input by said inputting key; and

a control section which is configured to prevent said execution section from executing the operation when said determination section determines that the current mode is a mode other than the execution mode, even if said start key is operated.

21. The image recording apparatus according to claim 20, the determination section being configured to make determinations using, as a threshold value, a numerical value smaller than the number of digits in a destination telephone number.

22. The image recording apparatus according to claim 20, wherein the execution mode comprises a copy mode in which said image recording apparatus operates to copy an original, and the mode other than the execution mode is a facsimile mode in which said image recording apparatus operates to perform a facsimile communication.

23. The image recording apparatus according to claim 20, wherein the execution mode is a facsimile mode in which said image recording apparatus operates to perform a facsimile communication, and the mode other than the execution mode is a copy mode in which said image recording apparatus operates to copy an original.

24. An image recording apparatus comprising:

a panel section which has at least an inputting key operable to input a numerical value corresponding to one of a number of sheets to be copied and a destination telephone number;

a copy section which is configured to execute a copy operation when a copy mode, in which said image recording apparatus operates to copy an original, is selected;

a facsimile communication section which is configured to execute a facsimile communication operation when a facsimile mode, in which said image recording apparatus operates to perform a facsimile communication, is selected;

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a start key which is configured to transmit an execution instruction to one of said copy section and said facsimile communication section;

a determination section which is configured to determine whether or not a numerical value input by said inputting key is a numerical value to be used in the copy mode; and

a control section which is configured to prevent said copy section from executing a copy operation when said determination section determines that the numerical value input by said inputting key is not to be used in the copy mode, even if said start key is operated to transmit the execution instruction.

25. An image recording apparatus comprising:

a panel section which has at least an inputting key that is operable to input one of a numerical value corresponding number of sheets to be copied and a destination telephone number;

a copy section which is configured to execute a copy operation, when a copy mode, in which said image recording apparatus operates to copy an original, is selected;

a facsimile communication section which is configured to execute a facsimile communication operation when a facsimile mode, in which said image recording apparatus operates to perform a facsimile communication, is selected;

a start key which is configured to transmit an execution instruction to one of said copy section and said facsimile communication section;

a determination section which is configured to determine whether or not a numerical value input by said inputting key is a numerical value to be used in the facsimile mode; and

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a control section which is configured to prevent said facsimile communication section from executing a facsimile communication operation when said determination section determines that the numerical value input by said inputting key is not to be used in the facsimile mode, even if said start key is operated to transmit the execution instruction.

26. An image recording apparatus comprising:

a panel section which has an inputting key that is operable to input data related to one of a number of sheets to be copied and a destination;

a plurality of execution sections, each execution section being adapted to execute an operation corresponding to a mode selected as a current mode;

a start key which is configured to transmit an execution instruction to one of said plurality of execution sections;

a digit number counting section which is configured to count a number of digits input with said inputting key;

a mode switching section which is configured to select a current mode based on the number of digits counted by said digit number counting section; and

a control section which is configured to prevent an execution section of said plurality of execution sections from executing an operation when the number of digits counted by said digit number counting section is not equal to the number of digits to be used in the current mode, even if said start key is operated to transmit the execution instruction.

27. The image recording apparatus according to claim 26, wherein said image recording apparatus has a facsimile mode, in which said image recording apparatus operates

to perform a facsimile communication, and a copy mode, in which said image recording apparatus operates to copy an original.

28. The image recording apparatus according to claim 27, wherein said control section is configured to prevent an execution section corresponding to the copy mode from executing a copy operation.

29. The image recording apparatus according to claim 27, wherein said mode switching section is configured to select the copy mode when the number of digits counted by said digit number counting section is smaller than a predetermined threshold value utilized during the facsimile mode.

30. The image recording apparatus according to claim 29, further comprising a display section which is configured to display only a number of digits which is smaller than or equal to said predetermined threshold value during the copy mode.

31. An image communication apparatus comprising:

a panel section which has an inputting key operable to input a numerical value corresponding to one of a number of sheets to be copied and a destination telephone number;

a plurality of execution sections, each execution section being adapted to execute an operation corresponding to a mode selected as a current mode;

a start key which is operable to transmit an execution instruction to an execution section;

a determination section which is configured to determine whether or not the current mode is an execution mode based on a numerical value input by said inputting key; and

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a control section that is configured to prevent said execution section from executing the operation when said determination section determines that the current mode is a mode other than the execution mode, even if said start key is operated to transmit an execution instruction.

32. An image recording apparatus comprising a facsimile transmission function and a copy function, said image recording apparatus comprising:

a panel section which has an inputting key operable to input a numerical value corresponding to one of a number of sheets to be copied and a destination telephone number;

a plurality of execution sections, each execution section being operable to execute an operation corresponding to a mode selected as a current mode;

a start key which is operable to transmit an execution instruction to an execution section;

a determination section which is configured to determine whether or not the current mode is an execution mode based on a numerical value input by said inputting key; and

a control section which prevents said execution section from executing the operation when said determination section determines that the current mode is a mode other than the execution mode, even if said start key is operated to transmit an execution instruction.

33. A method of controlling an image recording apparatus comprising a facsimile transmission function and a copy function, said method comprising:

determining whether or not a selected mode is an execution mode based on an input of a numerical value corresponding to one of a number of sheets to be copied and a destination telephone number; and

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preventing an execution section from executing an operation when the selected mode is not the execution mode, even if a start key is operated to transmit an execution instruction to the execution section.

34. The method of controlling an image recording apparatus according to claim 33, further comprising selecting one of a plurality of operation modes.---

Cancel claims 1-19.

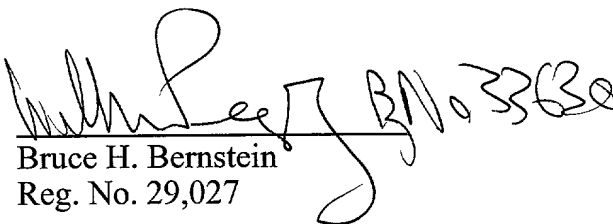
SUMMARY AND CONCLUSION

The Examiner is respectfully requested to enter the foregoing amendment prior to examination and calculation of the fees for the above-identified patent application.

The amendments to the claims which have been made in this amendment, and which have not been specifically noted to overcome a rejection based upon the prior art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

Should there be any questions, the Examiner is invited to contact the undersigned at the below listed number.

Respectfully submitted,
Masanori KAMATA


Bruce H. Bernstein
Reg. No. 29,027

February 29, 2000
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

IMAGE RECORDING APPARATUS AND
TRANSMISSION METHOD USING THE SAME

This is a continuation of U.S. Patent Application No. 09/049,144, filed March 27, 1998, the contents of which are expressly incorporated by reference herein in its entirety.

5

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to an image recording apparatus with a copy function and a facsimile transmission function as well as a transmission method using this apparatus.

10

Description of the Related Art

In recent years, image recording apparatuses with a copy function and a facsimile transmission function have been spreading. In these image recording apparatuses, the same console panel is used to input data in both copy and facsimile modes. Thus, such an image recording apparatus has a function for switching between the copy mode and the facsimile mode.

15

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In one example of such a mode switching function, when a facsimile transmission number is input in the copy mode, "0", which is the first digit of the facsimile transmission number, is input to automatically switch the mode, and when the number of sheets to be copied is input in the facsimile mode, an alarm is issued indicating that the entry does not meet the number of digits required for a facsimile transmission number before the mode is switched.

25

In this mode switching function, in the case that a facsimile transmission number is input in the copy mode, the first digit of the facsimile transmission number may be, for example, "7" instead of "0", and useless copying
5 is executed during the copy mode without automatically switching to the facsimile mode.

In addition, even if "0" is input to switch from the copy mode to the facsimile mode, the mode is switched to reset the entry of "0" so a new entry starting with
10 "0" need to provide in the facsimile mode.

In addition, in this switching function, when the number of sheets to be copied is input in the facsimile mode and if the operator starts the operation without noticing the alarm display, a call is made with the
15 mistaken transmission number. The operator does not notice that the apparatus is in a different mode until the erroneous call has been actually made, so the above operation is fruitless.

20 SUMMARY OF THE INVENTION

It is an object of this invention to provide an image recording apparatus and a transmission method using this apparatus that can prevent useless operations even when the operator makes an entry during a mode other than a
25 desired one.

This object is achieved by an image recording apparatus comprising copy means for copying an original;

transmission means for transmitting the original via a telephone line; input means for inputting the number of sheets to be copied and a destination telephone number; determination means for determining a desired mode based
5 on the input numerical values; and execution stop means for stopping the execution of a mode other than the desired mode.

Since this configuration stops the execution of a mode other than the desired mode, useless operations
10 caused by the operator's erroneous entries can be prevented. Consequently, the wasteful use of recording paper can be avoided.

The image recording apparatus according to this invention allows the determination means to make
15 determinations using as a threshold value a numerical value smaller than the number of digits in a destination telephone number. In this case, since a number smaller than the number of digits in a telephone number is used as the threshold value, it can be reliably determined
20 whether the operator's entry indicates a sheets number setting for copying or a telephone number for facsimile transmission.

In addition, when a particular entry is made, the image recording apparatus according to this invention
25 retains a value input during a mode other than a desired mode. When the mode is then switched to the desired one, it uses the input value to execute the desired mode. In

this case, since the value input during a mode other than the desired mode is retained, the entry made during a mode other than the desired mode prior to switching can be used to execute the desired mode. As a result, the entry made during a mode other than the desired mode can be used as it is, thereby eliminating the need for reentries.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a block diagram showing an approximate configuration of an image recording apparatus according to this invention;

FIG. 2 illustrates a mode switching control section in the image recording apparatus according to this invention;

FIG. 3 is a flowchart illustrating an operation of the image recording apparatus according to this invention;

FIG. 4 shows a display section during a copy mode in the image recording apparatus according to this invention; and

FIG. 5 shows the display section during a facsimile mode in the image recording apparatus according to this invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

An embodiment of this invention is specifically described below with reference to the drawings.

FIG. 1 is a block diagram showing an approximate configuration of an image recording apparatus according to this invention. In the image recording apparatus shown in FIG. 1, a CPU 1 is control section for controlling the entire apparatus. A ROM 2 is a memory in which data required to operate the apparatus is stored. A RAM 3 is a memory in which numerical data, the number of sheets to be copied, and a facsimile destination telephone number input from an operation section are stored. Furthermore, an image memory 4 stores read image data.

A read section 5 reads images from an original and transmits them to the image memory 4 as image data. An image formation section 6 is an unit of irradiating the light to photographic drum to convert the image data into latent images, transferring the latent images to recording paper by using a toner, and fixing the images to recording paper. The image formation section 6 also prints on recording paper facsimile data transferred to a facsimile section 7 via a telephone line.

In addition, a mode switching control section 8 controls switching between a copy mode and a facsimile mode. An operation section 9 comprises an input portion such as ten keys 10 to perform various operational entries. Furthermore, a display section 11 displays numerical data and a mode input from the operation section 9.

Specifically, the mode switching control section 8 is configured as shown in FIG. 2. That is, the mode switching control section 8 is mainly composed of a digits number counting section 21 for counting the number of digits in numerical data input from the operation section 9; a mode switching determination section 22 for determining based on the counted number of digits whether or not to switch a mode; a mode determination section 23 for determining what the current mode is; a mode switching section 24 for switching a mode; a mode execution section 25 for executing a mode; a pose key recognition section 26 for determining whether or not a pose key has been entered; an input data retaining section 27 for retaining input data when the pose key has been input; and an execution stop section 28 for stopping the execution of a mode different from a desired mode when a start key has been entered during the first mode. The digits number counting section 21 and mode switching determination section 22 determine a mode.

In the image recording apparatus of the above configuration, the digits number counting section 21 counts an input value and the mode switching determination section 22 determines whether or not the number of digits in the input value exceeds a threshold value in order to determine whether or not to switch the mode. Furthermore, the mode determination section 23 determines the current mode. Based on these information,

if the current mode is different from a desired one, the execution stop section 28 stops the execution of the first mode. This can prevent useless operations caused by the operator's erroneous entries to avoid the wasteful use of recording paper.

For example, to determine whether or not to switch the mode, the digits number counting section 21 counts the number of digits in a destination telephone number and the mode switching determination section 22 uses as a threshold value a numerical value smaller than the number of digits in the destination telephone number. For example, the threshold value for input digits is set at two to allow only two digits to be displayed. In this case, even if an entry is made three times, only two digits are displayed with only the input order of the digits changed. It can thus be reliably determined whether the operator's entry indicates a sheets number setting for copying or a telephone number for facsimile transmission.

In addition, whether or not a particular entry, that is, an entry of the pose key has been made is determined by the pose key recognition section 26. The input data retaining section 27 then retains a value input during a mode other than the desired mode. When the mode switching section 24 subsequently switches the mode to the desired one, the mode execution section 25 executes the desired mode using the retained input value.

Thus, the entry made during a mode different from the desired mode prior to switching can be used to execute the desired mode. Consequently, the entry made during a mode other than the desired mode can be used as it is, thereby eliminating the need for reentries.

For example, data input during the copy mode is retained, the mode is switched to the facsimile mode with the input data retained, and the input data is then used to carry out facsimile transmission. Thus, even if a facsimile transmission number is mistakenly input during the copy mode, it can be used as it is without reentering that telephone number after the mode is switched. In addition, even if the first digit of the facsimile transmission number is not "0", a useless copying operation and thus the wasteful use of recording paper can be prevented.

Next, an operation of the image recording apparatus of the above configuration is explained with reference to the flowchart in FIG. 3. In this example, the power has been turned on (standby state), the copy mode has been entered (S1), and the threshold value for input digits is two. The facsimile and copy modes can be switched as required by entering a facsimile key 33 and a copy key 34.

First, the copying of an original is described. With the power turned on, "copy enabled" is displayed in a display section 32 on a console panel 31, as shown in

FIG. 4. Then, the process determines whether or not the mode needs to be switched (S2). In this case, the mode does not need to be switched, so the number of sheets to be copied is input using the ten keys 35 (S3). The
5 process then determines whether or not the entry exceeds the threshold value, that is, whether or not it includes three digits or more (S4).

If the entry includes less than three digits, the process determines whether or not a pose key 38 has been
10 entered (S5). If not, then the process determines whether or not a start key 37 has been entered (S6). If so, an input number of sheets are copied (S7).

On the other hand, since two, which is smaller than the number of digits in a facsimile transmission number,
15 is used as the threshold value, if three or more digits are input and the start key 37 is entered during the copy mode, the execution of the mode is stopped to prevent copying and the display section 32 shows "Enter correct number. Press reset key". In this case, if a reset key
20 36 is entered, the operator starts all over again (S12).

Next, the transmission of an original is described. Since the apparatus is in the copy mode during the standby state, the facsimile key 33 is entered to switch to the facsimile mode. At this point, the display section 32
25 shows "transmission enabled" (S8). A destination telephone number is input using the ten keys 35 (S9). Is determined whether or not the start key 37 has been

entered (S10). If so, the original is transmitted to the input destination telephone number (S11).

If the operator mistakenly inputs the destination telephone number during the copy mode, is determined
5 whether or not the pose key 38 has been entered (S5). If so, the mode is switched to the facsimile mode with the input numerical value retained (S8). Those digits of the destination telephone number which are other than those input during the copy mode are input (S9). Is
10 finally determined whether or not the start key 37 has been entered (S10). If so, the original is transmitted to the input destination telephone number (S11).

The above embodiment has been described in conjunction with the case in which the power has been
15 turned on (standby state) with the copy mode entered, this invention is also applicable to the case in which the power is turned on in the facsimile mode.

Although the above embodiment has been described in conjunction with the case in which the threshold value
20 for input digits is two, the input threshold value is not particularly limited, provided that it is smaller than the number of digits in a destination telephone number.

Although the above embodiment has been described in
25 conjunction with the use of the pose key as the particular key entered to retain input data, this invention allows another key to be used to retain input data.

As described above, the image recording apparatus according to this invention stops the execution of a mode other than a desired mode, so useless operations caused by the operator's erroneous entries can be prevented. Consequently, the wasteful use of recording paper can be avoided. Since the image recording apparatus according to this invention uses as the threshold value a numerical value smaller than the number of digits in a telephone number, it can be reliably determined whether the operator's entry indicates a sheets number setting for copying or a telephone number for facsimile transmission.

In addition, the image recording apparatus according to this invention retains a value input during a mode other than a desired mode, so the entry made during a mode other than the desired mode prior to switching can be used to execute the desired mode. As a result, the entry made during a mode other than the desired mode can be used as it is, thereby eliminating the need for reentries.

In addition, according to the present transmission method, the data input during the copy mode is retained, so even if a facsimile transmission number is mistakenly input during the copy mode, it can be used as it is without reentering the telephone number after the mode is switched.

What is claimed is:

1. An image recording apparatus comprising:

input means for inputting the number of sheets to be copied and a destination telephone number;

5 determination means for determining a mode based on the input numerical value; and

execution stop means for stopping the execution of a current mode in the case that the current mode is determined a mode other than an execution mode by said
10 determination means.

2. An image recording apparatus according to claim 1 wherein, the determination means makes determinations using a numerical value smaller than the number of digits in a destination telephone number as a threshold value.

15 3. An image recording apparatus according to claim 1 wherein, the execution mode is a copy mode and the mode other than the execution mode is a facsimile mode.

(4.) An image recording apparatus comprising:

20 input means for inputting the number of sheets to be copied and a destination telephone number;

determination means for determining a mode based on the input numerical value; and

input value retaining means for retaining an input numerical value in a mode other than an execution mode
25 in the case that a current mode is determined a mode other than the execution mode by said determination means, switching said mode other than the execution mode to the

execution mode, and using said input numerical value in a switched mode.

5. An image recording apparatus according to claim 4 wherein, input value retaining means retains an input numerical value in a mode other than an execution mode by entering a particular key.

6. An image recording apparatus according to claim 5 wherein, a particular key is a pause key.

7. An image recording apparatus according to claim 4 wherein, the execution mode is a facsimile mode and the mode other than the execution mode is a copy mode.

8. An image recording apparatus comprising:

input means for inputting the number of sheets to be copied and a destination telephone number;

15 digits number counting means for counting the number of input digits;

mode switching means for switching the mode based on the counted number of digit; and

20 execution stop means for stopping the execution of the mode if the counted number of digits is not used in a current mode.

9. An image recording apparatus according to claim 8 wherein, the apparatus has a facsimile and a copy modes.

25 10. An image recording apparatus according to claim 9 wherein, the mode of stopping the execution is a copy mode.

11. An image recording apparatus according to claim 9 wherein, when the counted number of digits is smaller than a predetermined threshold value during the facsimile mode, the mode is switched to the copy mode.

5 12. An image recording apparatus according to claim 9 wherein, display means shows only a number of digits the number of which is smaller than or equal to said threshold value during the copy mode.

13. An image recording apparatus comprising:
10 mode switching means for switching a mode;
input value retaining means for retaining an input value in the case that a current mode is a mode other than an execution mode,
wherein the retained input value is used in the
15 execution mode.

14. An image recording apparatus according to claim 13 further comprising: a retaining value retaining means for retaining an input numerical value when more digits than indicated by the threshold value are input.

20 15. An image recording apparatus according to claim 13 wherein, the apparatus has a facsimile and a copy modes.

16. An image recording apparatus according to claim 13 wherein, an input numerical value is retained by
25 entering a particular key.

17. An image recording apparatus according to claim 16 wherein, a particular key is a pause key.

18. An image recording apparatus according to claim 13 wherein, the mode other than the execution mode is a copy mode.

19. A transmission method comprising the steps of:
5 retaining data input during a copy mode in an image recording apparatus with a facsimile and a copy functions;

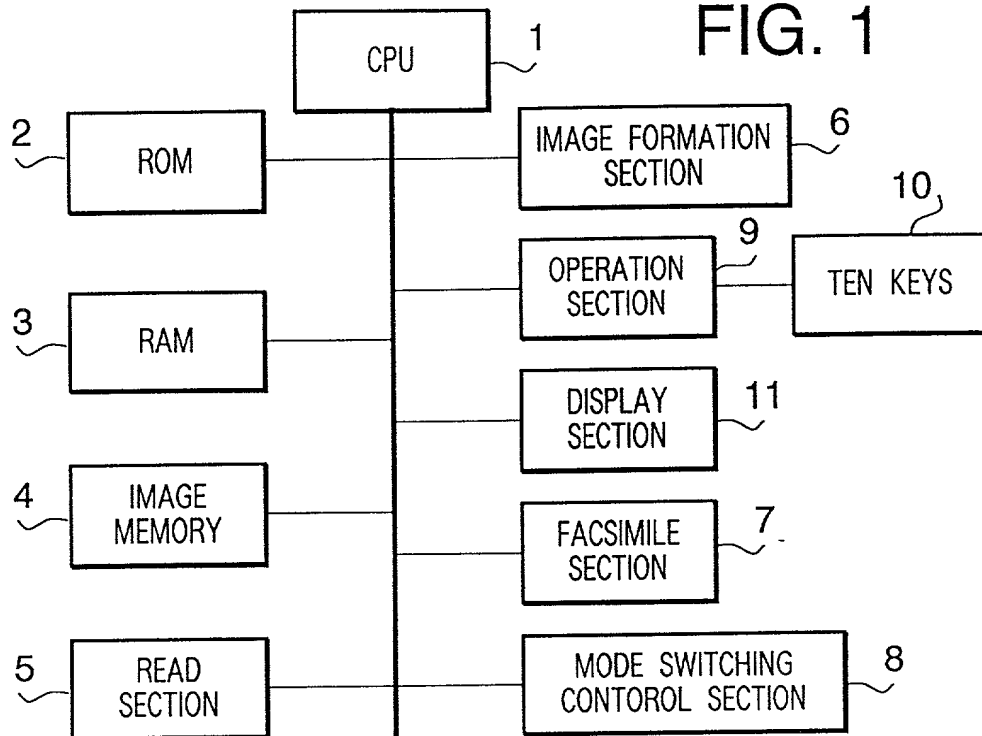
switching the mode to a facsimile mode with the input data retained; and

10 using said input data to execute facsimile transmission.

ABSTRACT OF THE DISCLOSURE

An image recording apparatus according to the present invention includes a copy section for copying an original, 5 a transmission section for transmitting the original via a telephone line, an input section for inputting the number of sheets to be copied and a destination telephone number, a determination section for determining a desired mode based on the input numerical values, and 10 an execution stop section for stopping the execution of a mode other than the desired mode. In addition, in a transmission method according to the present invention, data input during a copy mode is retained in an image recording apparatus with a facsimile and a copy functions, 15 the mode is switched to a facsimile mode with the input data retained, and the input data is used to execute facsimile transmission.

FIG. 1



8

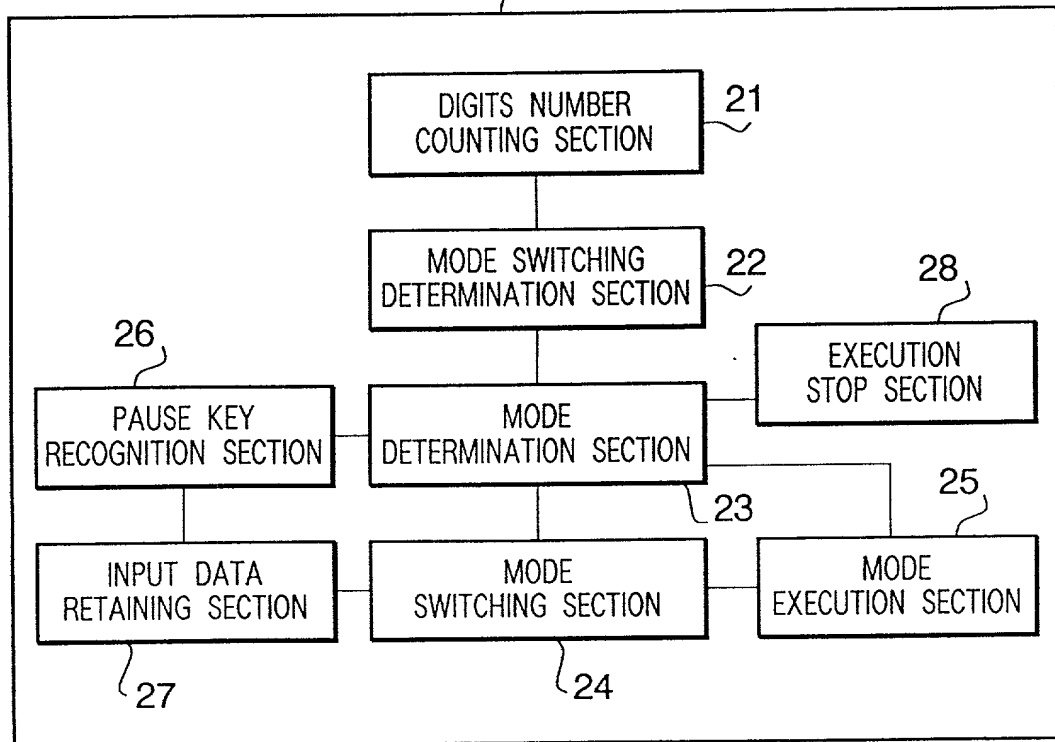
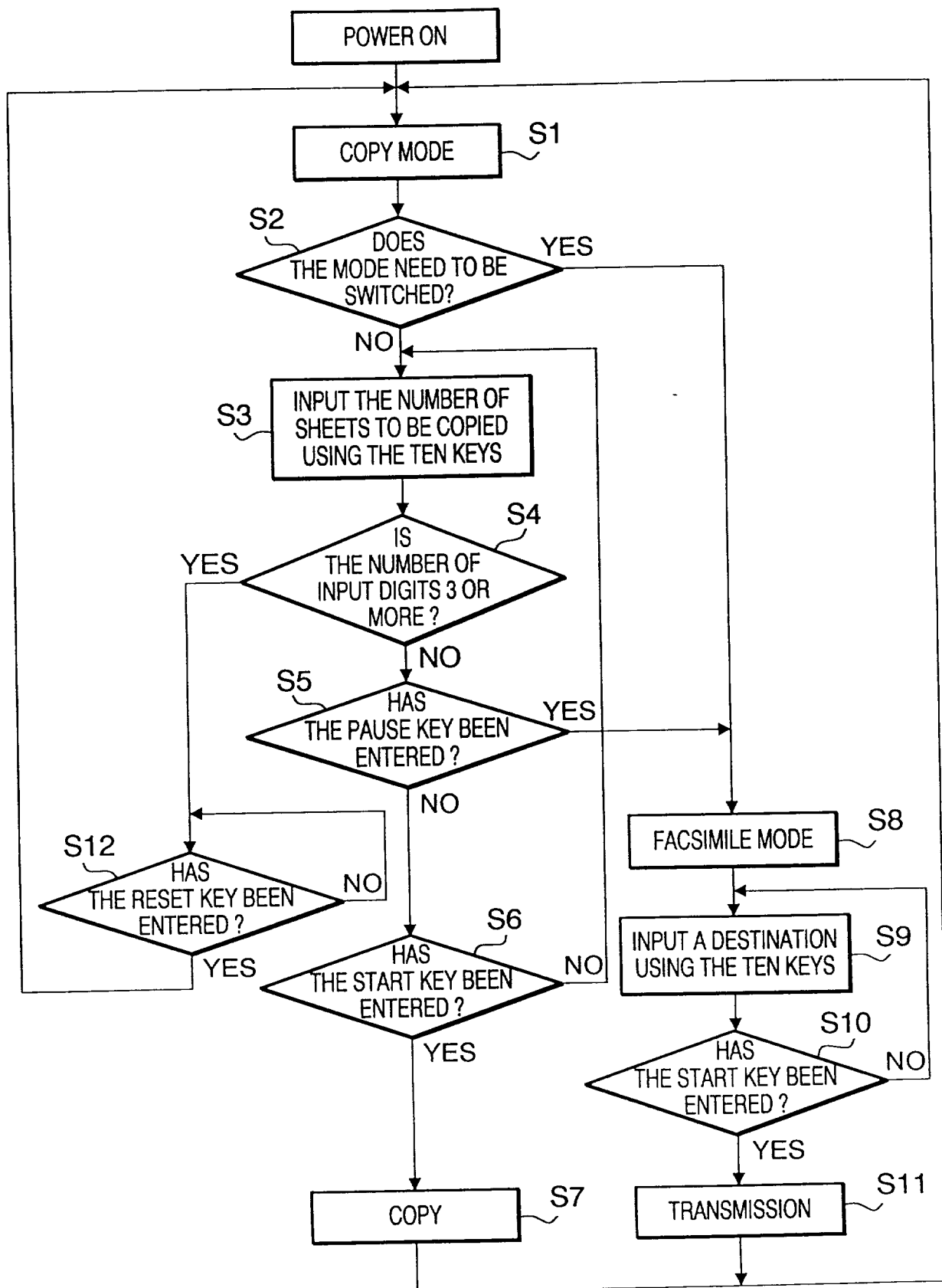


FIG. 2

FIG. 3



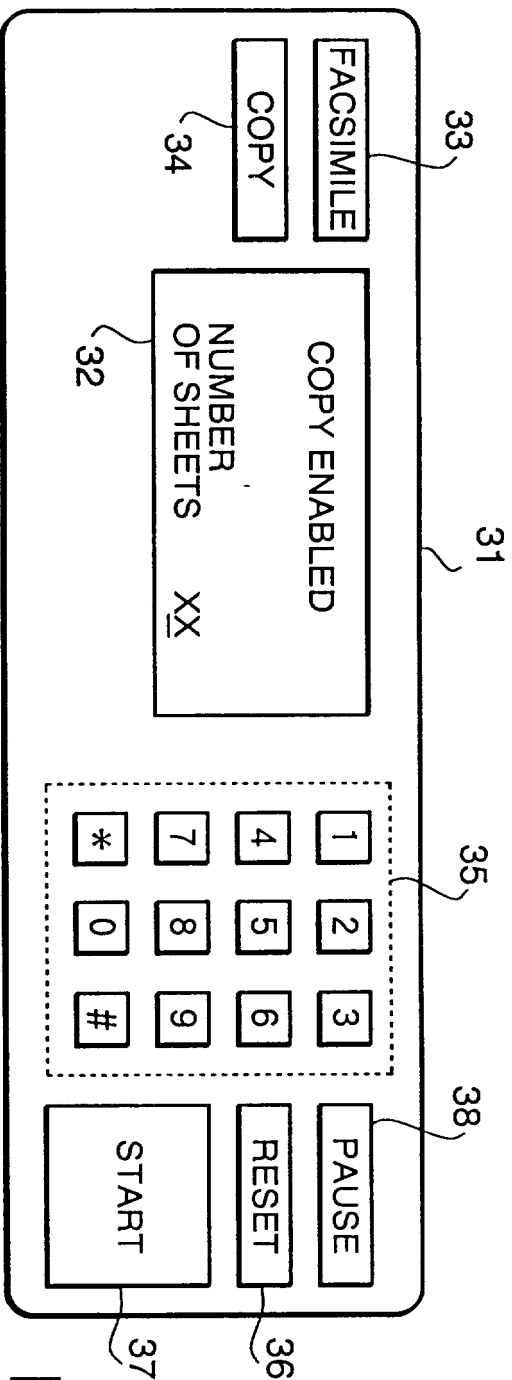


FIG. 4

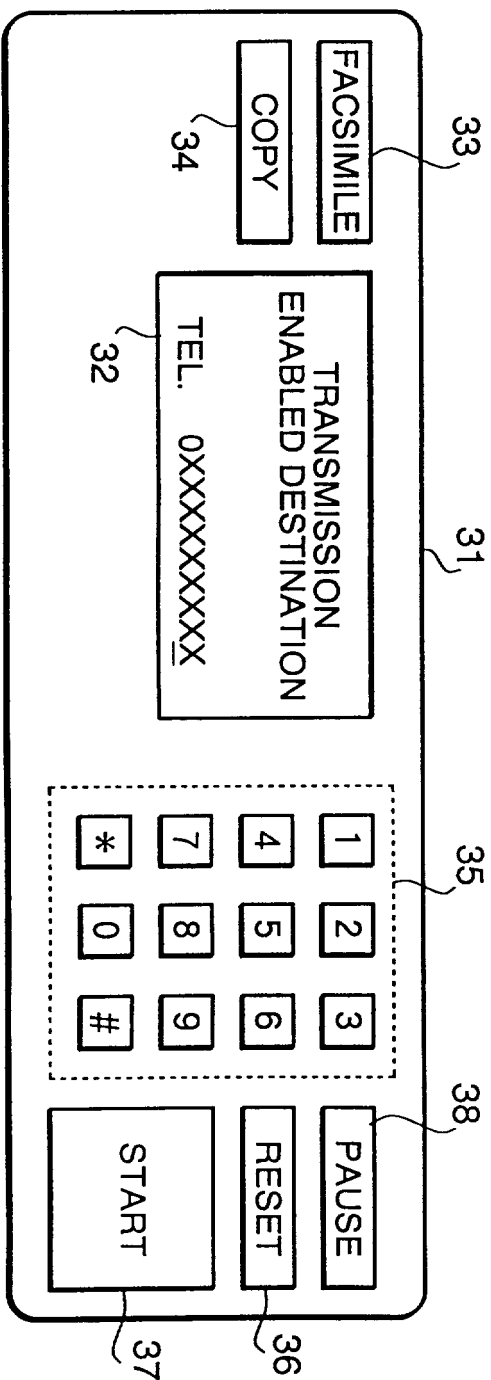


FIG. 5

Declaration and Power of Attorney For Utility or Design Patent Application

特許出願宣言書

Japanese Language Declaration

私は、下欄に氏名を記載した発明者として、以下のとおり宣言する：

私の住所、郵便の宛先および国籍は、下欄に氏名に続いて記載したとおりであり、

名称の発明に関し、請求の範囲に記載した特許を求める主題の本来の、最初にして唯一の発明者である（一人の氏名のみが下欄に記載されている場合）、もしくは本来の、最初にして共同の発明者である（複数の氏名が下欄に記載されている場合）と信じ、

その明細書を

（該当するほうに印を付す）

☐ ここに添付する。

☐ _____ 日に願出番号
第 _____ 号として提出し、
_____ 日に補正した。

（該当する場合）

私は、前記のとおり補正した請求の範囲を含む前記明細書の内容を検討し、理解したことを陳述する。

私は、連邦規則法典第 37 部第 1 章第 56 条に従い、本題の審査に所要の情報を開示すべき義務を有することを認める。

私は合衆国法典第 35 部第 119 条 (a-d) 項又は第 365 条 (b) 項に基づく、下記の外国特許出願又は発明者証出願、或いは第 365 条 (a) 項に基づく、少なくとも米国以外の 1 ヶ国を指名した PCT 国際出願の外国優先権利益を主張し、更に優先権の主張に係わる基礎出願の出願日前の出願日を有する外国特許出願、又は発明者証出願或いは PCT 国際出願を以下に明記する：

Prior foreign applications

先の外国出願

JP9-116470	Japan	18/April/1997
(Number)	(Country)	(Day/Month/Year Filed)
(番号)	(国名)	(出願の年月日)
_____	_____	_____
(Number)	(Country)	(Day/Month/Year Filed)
(番号)	(国名)	(出願の年月日)
_____	_____	_____
(Number)	(Country)	(Day/Month/Year Filed)
(番号)	(国名)	(出願の年月日)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

IMAGE RECORDING APPARATUS AND TRANSMISSION
METHOD USING THE SAME

the specification of which

(check one)

☐ is attached hereto.

☐ was filed on _____ as

Application No. _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a-d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the "No" box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Priority claimed

優先権の主張

☒ ☐

Yes No

あり なし

☐ ☐

Yes No

あり なし

☐ ☐

Yes No

あり なし

Japanese Language Utility or Design Patent Application Declaration

☐ その他の外国特許出願番号は別紙の追補優先権欄にて記載する。

☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto.

私は、合衆国法典第35部第119条(e)項に基づく、下記の合衆国仮特許出願の利益を主張する。

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below

(Number)
(番号)

(Day/Month/Year Filed)
出願の年月日

(Number)
(番号)

(Day/Month/Year Filed)
出願の年月日

(Number)
(番号)

(Day/Month/Year Filed)
出願の年月日

☐ その他の合衆国仮特許出願番号は別紙の追補優先権欄にて記載する。

☐ Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

私は、合衆国法典第35部第120条に基づく下記の合衆国特許出願、又は第365条(c)項に基づく合衆国を指名したPCT国際出願の利益を主張し、本願の請求の範囲各項に記載の主題が合衆国法典第35部第112条第1項規定の態様で、先の合衆国特許出願又はPCT国際出願に開示されていない限度において、先の出願の出願日と本願の国内出願日又はPCT国際出願日の間に有効となった連邦規則法典第37部第1章第56条に記載の特許要件に所要の情報を開示すべき義務を有することを認める。

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application No.)
(出願番号)

(Day/Month/Year Filed)
(出願の年月日)

(現況)
(特許済み、係属中、放棄済み)

(Status)
(patented, pending, abandoned)

(Application No.)
(出願番号)

(Day/Month/Year Filed)
(出願の年月日)

(現況)
(特許済み、係属中、放棄済み)

(Status)
(patented, pending, abandoned)

☐ その他の合衆国又は国際特許出願番号は別紙の追補優先権欄にて記載する。

☐ Additional U.S. or international application numbers are listed on a supplemental priority sheet attached hereto

私は、ここに自己の知識にもとづいて行った陳述がすべて真実であり、自己の所有する情報および信ずるところに従って行った陳述が真実であると信じ、さらに故意に虚偽の陳述等を行った場合、合衆国法典第18部第1001条により、罰金もしくは禁錮に処せられるか、またはこれらの形が併科され、またかかる故意による虚偽による陳述が本願ないし本願に対して付与される特許の有効性を損なうことがあることを認識して、以上の陳述を行ったことを宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

私、下記署名者は、ここに記載の米国弁護士または代理人に本出願に関し特許商標庁にて取られるいかなる行為に関して、同米国弁護士又は代理人が、私に直接連絡なしに私の外国弁護士あるいは法人代表者からの指示を受け取り、それに従うようここに委任する。この指示を出す者が変更の場合には、ここに記載の米国弁護士又は代理人にその旨通知される。

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from either his foreign patent agent or corporate representative, if any, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

Japanese Language Utility or Design Patent Application Declaration

委任状: 私は、下記発明者として、下記に明記された顧客番号を伴う以下の弁護士又は、代理人をここに選任し、本願の手続きを遂行すること並びにこれに関する一切の行為を特許商標庁に対して行うことを委任する。そして全ての通信はこの顧客番号宛に発送される。

POWER OF ATTORNEY: As a named inventor, I hereby appoint the attorney(s) and/or agent(s) associated with the Customer Number provided below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

顧客番号 7055

CUSTOMER NUMBER 7055

現在選任された弁護士は下記の通りである。

The appointed attorneys presently include:

Neil F. Greenblum	Reg. No. 28,394
Bruce H. Bernstein	Reg. No. 29,027
Roger P. Glass	Reg. No. 30,841
James L. Rowland	Reg. No. 32,674
Arnold Turk	Reg. No. 33,094

Address: **GREENBLUM & BERNSTEIN, P.L.C.**

1941 ROLAND CLARKE PLACE
RESTON, VA 20191

直接電話連絡先: (名称および電話番号)

Direct Telephone Calls to: (name and telephone number)

GREENBLUM & BERNSTEIN, P.L.C.

(703) 716-1191

唯一のまたは第一の発明者の氏名	Full name of sole or first inventor Masanori Kamata	
同発明者の署名	Inventor's signature <i>Masanori Kamata</i>	Date 1998.3.17
住所	Residence 3-5-21-305, Takahama, Mihama-ku, Chiba-shi, Chiba 261-0003 Japan	
国籍	Citizenship Japan	
郵便の宛先	Post Office Address 3-5-21-305, Takahama, Mihama-ku, Chiba-shi, Chiba 261-0003 Japan	
第二の共同発明者の氏名 (該当する場合)	Full name of second joint inventor, if any	
同第二共同発明者の署名	Second Inventor's signature	Date
住所	Residence	
国籍	Citizenship	
郵便の宛先	Post Office Address	

(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)

SCANNED